

# HATCO REMEDIATION PROJECT

## UPDATE ON SITE-WIDE CAP

Meeting with USEPA  
July 16, 2020

# Introductions

- Weston Solutions, Inc.
- Lanxess Solutions USA, Inc.
- Tetra Tech Inc.
- USEPA

# Site Background

## Site History

- 1954 Hatco Chemical Plant
- Process wastes handled in four settling ponds and muck area
- PCB use began in 1960s
- Facility discharge connected to MCUA in 1970

## Project History

- Pre 2000 – various investigation and remediation efforts by Hatco/W.R. Grace
- 2001 – RAWP by URS on behalf of Grace.
- Risk-Based Disposal Approval, dated March 30, 2005, issued by letter from USEPA to Weston
- April 2005 – Environmental Liability transfer to Weston
- August 2005 – Weston Consolidated RAWP
  - August 2009 – RAWP Addendum 3
- 2006 through today – ongoing remediation efforts

# Onsite Remediation Overview

## Summary of Remedial Activities

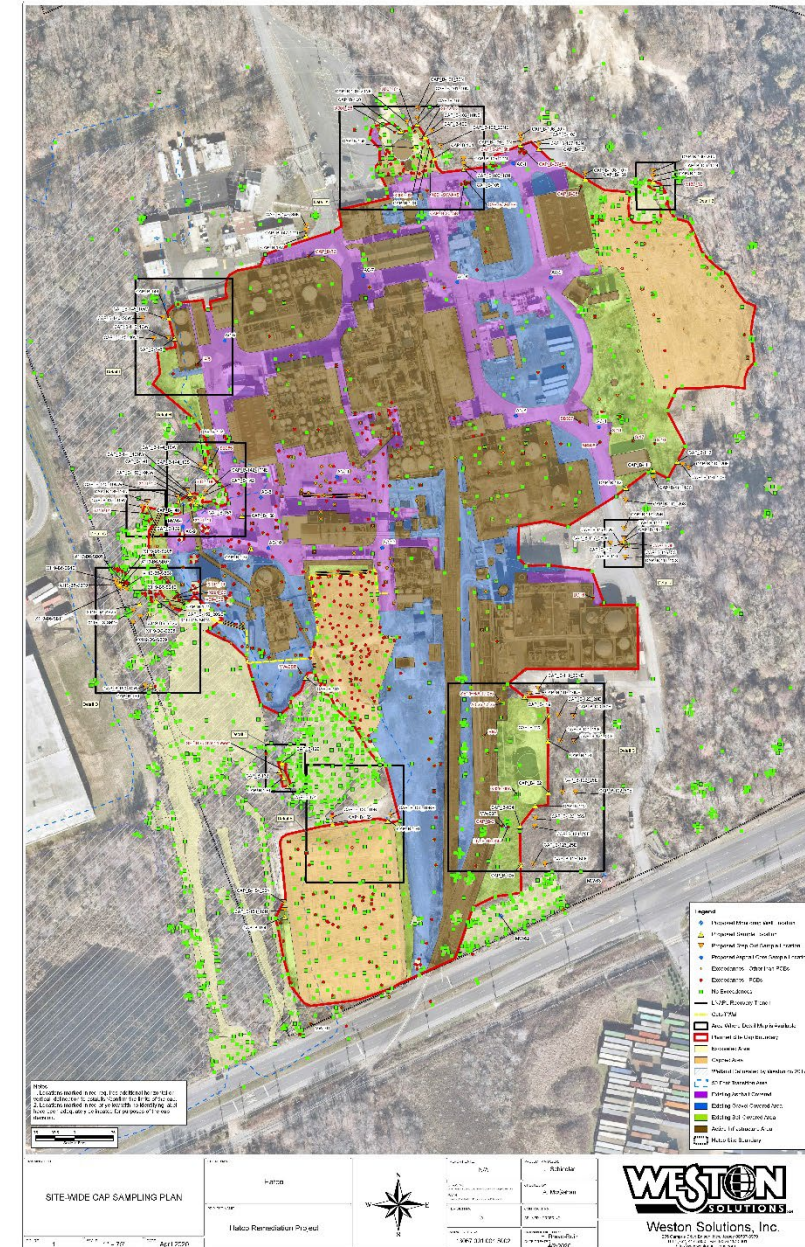
- *Removal and offsite disposal of sludges, LNAPL and soil containing concentrations of 500 mg/kg or greater PCBs*
- *Onsite consolidation of soils containing between 2 and 500 mg/kg PCBs beneath an engineered cap*
- *Removal of Hatco related contamination from soil and sediments south and west of the site (Woodbridge Pond, Channels A, B, C & D)*
- *Deed notice for all onsite locations with contaminant concentrations greater than applicable unrestricted use criteria*
- *Interim remedial measures consisting of LNAPL recovery via recovery wells and trenches*

## Onsite Remediation Activities to Date

- *LNAPL Recovery operations*
- *Scrape Area excavations 2007 to 2013*
  - *Excavation removal of contaminated soil from more than 100 discrete areas outside of the limits of the planned cap*
  - *Offsite disposal and onsite consolidation beneath engineered cap*
- *Closure of former wastewater lagoons and liner installation: 2007 to 2009*
- *Southeast Leg Remediation: 2014 to 2016*
- *Northeast Impoundment Remediation: 2015 to 2016*
- *Former Lagoon Cap Construction: 2017 to 2018*
- *Slingtail Creek streambank armoring in 2019 and 2020*

# Current Status

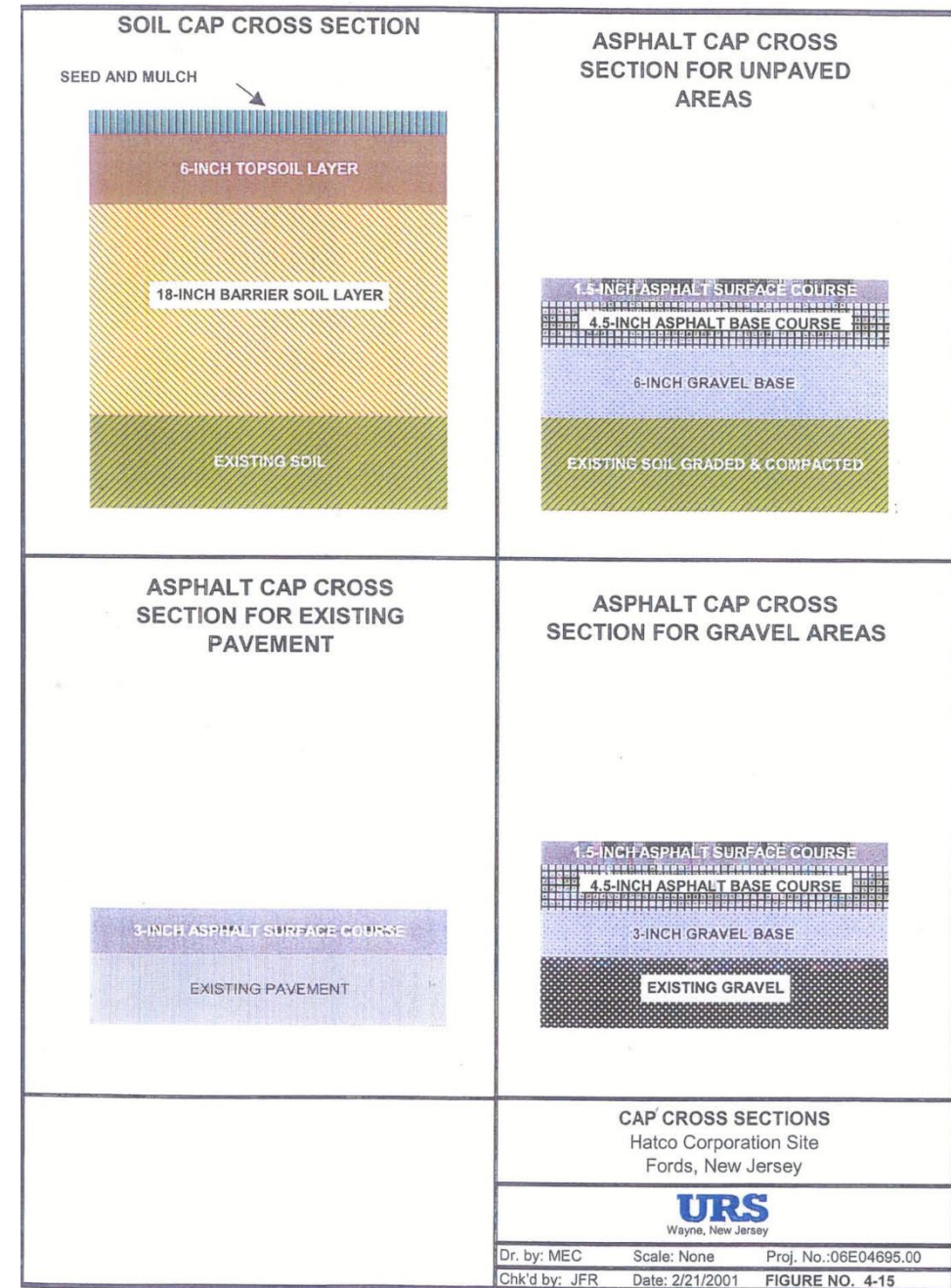
- Site-Wide Cap Sampling Program underway
  - Define the limits of the cap
  - Define additional removal areas
- Survey will be to be completed next month
- Cap Design





# Cap Components

- 2005 Consolidated RAWP
  - Soil/Gravel Cap
  - Asphalt Cap





# Example Details – ASPHALT AREAS

